

R Jimenez-Peris, M Patino-Martinez, B Kemme, G ... - Distributed Computing Systems, 2002. Proceedings. 22nd ..., 2002 - [ieeexplore.ieee.org](#)
... it allows for **concurrent** execution of **transactions** without sophisticated mechanisms. ...
2.1 Limitations of Data Replication ... Each site has a copy of the database. ...
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R Guy, P Reiher, D Ratner, M Gunter, W Ma, GJ ... - Proceedings of the 17th International Conference on ..., 1998 - [csee.umbc.edu](#)
... conict (they each received **concurrent** updates); conict ... Rumor would not always propagate **data** properly and ... Rumor contains a selective **replication** facility that ...
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M Patino-Martinez, R Jimenez-Peris, B Kemme, G ... - Proceedings of 14 thInternational Symposium on DIStributed ..., 2000 - [lml.is.fi.upm.es](#)
... copy and the execution of **concurrent transactions** must be ... We say a **transaction** is **local** to the ... considering the scalability of **data replication** protocols, it is ...
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B Kemme, G Alonso - Proceedings of the 26th International Conference on Very ..., 2000 - cs.mcgill.ca

... If the decision message arrives rst, the **replication** manager registers ... on a shadow copy while **concurrent transactions** can still ... most one RIW lock on a **data** item ...

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[A new approach to developing and implementing eager database replication protocols](#) - group of 11 »

B Kemme, G Alonso - ACM Transactions on Database Systems (TODS). 2000 - portal.acm.org

... This approach provides **data** consistency in a ... To keep response times short, lazy **replication** delays the ... This avoids **concurrent** updates to different copies and ...

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[The dangers of replication and a solution](#) - group of 44 »

J Gray, P Helland, PO'Neil, D Shasha - ... ACM SIGMOD international conference on Management of **data**, 1996 - portal.acm.org

... When two **transactions** read and write **data** concurrently, one ... scheme to detect and regulate **concurrent** execution ... Lazy **replication** may allow a **transaction** to see ...

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Y Lin, B Kemme, M Patiño-Martínez, R Jiménez- ... - ... ACM SIGMOD international conference on Management of **data**, 2005 - portal.acm.org

... detected, and if two **concurrent transactions** want to ... We assume the underlying database replicas provide SI ... mechanism in many commercial **replication** solutions (eg ...

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[A suite of database replication protocols based on groupcommunication primitives](#) - group of 17 »

B Kemme, G Alonso - Distributed Computing Systems, 1998. Proceedings. 18th ..., 1998 - ieeexplore.ieee.org

... to use asynchronous and primary copy **replication** instead 7 ... a single copy, which eliminates **concurrent** updates but ... log", instead of from the **data** items themselves ...

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[BOOK] [Weighted voting for replicated data](#) - group of 10 »

DK Gifford - 1979 - ACM Press New York, NY, USA

... **Replication** is used to enhance the performance of the ... ENTRY procedures manipulate shared **data**, and thus lock ... the result of issuing two **concurrent** writes that ...

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[Epidemic quorums for managing replicated data](#) - group of 8 »

J Holliday, R Steinke, D Agrawal, A El Abbadi - Performance, Computing, and Communications Conference, 2000. ..., 2000 - ieeexplore.ieee.org

... 3 Epidemic Transactional **Replication** The Wu and Bernstein ... to the **local** copy of the database. ... the algorithm aborts all **concurrent transactions** with conflicting ...

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